

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/998,284

DATE: 12/07/2001

TIME: 12:57:57

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\12072001\I998284.raw

3 <110> APPLICANT: POULSEN, et al.
 5 <120> TITLE OF INVENTION: COMPOSITION
 7 <130> FILE REFERENCE: 674509-2035
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/998,284
 C--> 9 <141> CURRENT FILING DATE: 2001-11-30
 9 <150> PRIOR APPLICATION NUMBER: PCT/IB00/00829
 10 <151> PRIOR FILING DATE: 2000-06-02
 12 <150> PRIOR APPLICATION NUMBER: GB 9913050.2
 13 <151> PRIOR FILING DATE: 1999-06-04
 15 <160> NUMBER OF SEQ ID NOS: 2
 17 <170> SOFTWARE: PatentIn version 3.1

Does Not Comply
 Corrected Diskette Needed

ERRORED SEQUENCES

82 <210> SEQ ID NO: 2
 83 <211> LENGTH: 546
 84 <212> TYPE: PRT
 85 <213> ORGANISM: Chondrus crispus
 87 <400> SEQUENCE: 2
 89 Met Ala Thr Leu Pro Gln Lys Asp Pro Gly Tyr Ile Val Ile Asp Val
 90 1 5 10 15
 93 Asn Ala Gly Thr Pro Asp Lys Pro Asp Pro Arg Leu Pro Ser Met Lys
 94 20 25 30
 97 Gln Gly Phe Asn Arg Arg Trp Ile Gly Thr Asn Ile Asp Phe Val Tyr
 98 35 40 45
 101 Val Val Tyr Thr Pro Gln Gly Ala Cys Thr Ala Leu Asp Arg Ala Met
 102 50 55 60
 105 Glu Lys Cys Ser Pro Gly Thr Val Arg Ile Val Ser Gly Gly His Cys
 106 65 70 75 80
 109 Tyr Glu Asp Phe Val Phe Asp Glu Cys Val Lys Ala Ile Ile Asn Val
 110 85 90 95
 113 Thr Gly Leu Val Glu Ser Gly Tyr Asp Asp Asp Arg Gly Tyr Phe Val
 114 100 105 110
 117 Ser Ser Gly Asp Thr Asn Trp Gly Ser Phe Lys Thr Leu Phe Arg Asp
 118 115 120 125
 121 His Gly Arg Val Leu Pro Gly Gly Ser Cys Tyr Ser Val Gly Leu Gly
 122 130 135 140
 125 Gly His Ile Val Gly Gly Gly Asp Gly Ile Leu Ala Arg Leu His Gly
 126 145 150 155 160
 129 Leu Pro Val Asp Trp Leu Ser Gly Val Glu Val Val Val Lys Pro Val
 130 165 170 175
 133 Leu Thr Glu Asp Ser Val Leu Lys Tyr Val His Lys Asp Ser Glu Gly
 134 180 185 190
 137 Asn Asp Gly Glu Leu Phe Trp Ala His Thr Gly Gly Gly Gly Gly Asn
 138 195 200 205
 141 Phe Gly Ile Ile Thr Lys Tyr Tyr Phe Lys Asp Leu Pro Met Ser Pro

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142	210	215	220
145	Arg Gly Val Ile Ala Ser	Asn Leu His Phe Ser	Trp Asp Gly Phe Thr
146	225	230	235 240
149	Arg Asp Ala Leu Gln Asp	Leu Leu Thr Lys Tyr Phe	Lys Leu Ala Arg
150	245	250	255
153	Cys Asp Trp Lys Asn Thr	Val Gly Lys Phe Gln Ile	Phe His Gln Ala
154	260	265	270
157	Ala Glu Glu Phe Val Met	Tyr Leu Tyr Thr Ser Tyr	Ser Asn Asp Ala
158	275	280	285
161	Glu Arg Glu Val Ala Gln	Asp Arg His Tyr His	Leu Glu Ala Asp Ile
162	290	295	300
165	Glu Gln Ile Tyr Lys Thr	Cys Glu Pro Thr Lys	Ala Leu Gly Gly His
166	305	310	315 320
169	Ala Gly Trp Ala Pro Phe	Pro Val Arg Pro Arg	Lys Arg His Thr Ser
170	325	330	335
173	Lys Thr Ser Tyr Met His	Asp Glu Thr Met Asp	Tyr Pro Phe Tyr Ala
174	340	345	350
177	Leu Thr Glu Thr Ile Asn	Gly Ser Gly Pro Asn	Gln Arg Gly Lys Tyr
178	355	360	365
181	Lys Ser Ala Tyr Met Ile	Lys Asp Phe Pro Asp	Phe Gln Ile Asp Val
182	370	375	380
185	Ile Trp Lys Tyr Leu Thr	Glu Val Pro Asp Gly	Leu Thr Ser Ala Glu
186	385	390	395 400
189	Met Lys Asp Ala Leu Leu	Gln Val Asp Met Phe	Gly Gly Glu Ile His
190	405	410	415
193	Lys Val Val Trp Asp Ala	Thr Ala Val Ala Gln	Arg Glu Tyr Ile Ile
194	420	425	430
197	Lys Leu Gln Tyr Gln Thr	Tyr Trp Gln Glu Glu	Asp Lys Asp Ala Val
198	435	440	445
201	Asn Leu Lys Trp Ile Arg	Asp Phe Tyr Glu Glu	Met Tyr Glu Pro Tyr
202	450	455	460
205	Gly Gly Val Pro Asp Pro	Asn Thr Gln Val Glu	Ser Gly Lys Gly Val
206	465	470	475 480
209	Phe Glu Gly Cys Tyr Phe	Asn Tyr Pro Asp Val	Asp Leu Asn Asn Trp
210	485	490	495
213	Lys Asn Gly Lys Tyr Gly	Ala Leu Glu Leu Tyr	Phe Leu Gly Asn Leu
214	500	505	510
217	Asn Arg Leu Ile Lys Ala	Lys Trp Leu Trp Asp	Pro Asn Glu Ile Phe
218	515	520	525
221	Thr Asn Lys Gln Ser Ile	Pro Thr Lys Pro Leu	Lys Glu Pro Lys Gln
222	530	535	540
225	Thr Lys		
226	545		

E--> 232 34

VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:232 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2